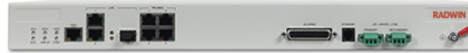


## RADWIN Indoor Unit

### IDU-C Series



RW-7204-2000

### Product Description

IDU-C is a carrier class indoor unit that provides up to 4 x E1/T1 interfaces (software configurable), 2 x Ethernet ports, 1 x SFP Port and Dry Contacts interface.

IDU-C supports independent clock per each TDM port and wide range DC power feeding. IDU-C is a scalable solution that is compatible with RADWIN PtP radio portfolio.

### Product Highlights

- Carrier class indoor unit
- Supports 4 x TDM ports
- Configurable TDM interface type (E1/T1)
- Supports independent clock per each TDM port
- Wide range DC power feeding
- Ease of operation and maintenance

## Product Specifications:

|                           |                                                                                         |
|---------------------------|-----------------------------------------------------------------------------------------|
| <b>TDM Interface</b>      |                                                                                         |
| Number of Ports           | 4                                                                                       |
| Type                      | E1/T1; configurable by RADWIN Manager                                                   |
| Framing                   | Unframed (transparent)                                                                  |
| Timing                    | Independent timing per port, Tx and Rx                                                  |
| Connector                 | RJ-45                                                                                   |
| Standards Compliance      | ITU-T G.703, G.826                                                                      |
| Line Code                 | E1: HDB3 @ 2.048 Mbps; T1: B8ZS/AMI @ 1.544 Mbps                                        |
| Latency                   | Configurable 5-20 ms (default: 8 ms)                                                    |
| Impedance                 | E1: 120Ω, balanced; T1: 100Ω, balanced                                                  |
| Jitter & Wander           | According to ITU-T G.823, G.824                                                         |
| Monitored Hot Standby     | 1+1 architecture supported                                                              |
| <b>Ethernet Interface</b> |                                                                                         |
| PoE interfaces            | 1                                                                                       |
| Ethernet ports            | 2x10/100 BaseT; Auto-Negotiation (IEEE 802.3u); Framing/Coding IEEE 802.3               |
| Connector                 | RJ-45                                                                                   |
| Impedance                 | 100Ω                                                                                    |
| SFP Interface             | 1xFE SFP Port                                                                           |
| VLAN Support              | Transparent                                                                             |
| Maximum Frame Size        | 2048 Bytes                                                                              |
| Bridge                    | Layer 2, self-learning of up to 1024 MAC addresses (IEEE 802.1Q), Hub/Bridge selectable |
| Latency                   | 3 ms                                                                                    |
| <b>Dry Contact Alarms</b> |                                                                                         |
| Dry Contact Interface     | 4 Outputs + 4 Inputs; configurable by RADWIN Manager                                    |
| <b>Mechanics</b>          |                                                                                         |
| Dimensions                | 44(w) x 5(h) x 21(d) cm                                                                 |
| Weight                    | 1.3 kg / 2.87 lbs                                                                       |
| <b>Power</b>              |                                                                                         |
| Power Feeding             | Dual redundant power feeding; -20 to -60VDC 2.5A                                        |
| Power Consumption         | <10W                                                                                    |
| <b>Environmental</b>      |                                                                                         |
| Operating Temperatures    | 0°C to 50°C / 32°F to 122°F                                                             |
| Humidity                  | Up to 90% non-condensing                                                                |
| <b>Safety</b>             |                                                                                         |
| TUV                       | IEC/EN 60950-1, UL 60950-1, CAN/CSA-C22.2 No. 60590-1                                   |
| <b>EMC</b>                |                                                                                         |
| ETSI                      | EN 300 386, EN 301 489-1, EN 301 489-4                                                  |
| FCC                       | Class B Part 15 Subpart B                                                               |
| CAN/CSA                   | ICES 003 CISPR 22 Class B                                                               |
| AS/NZS                    | CISPR22 Class B                                                                         |

### Ordering Info

**Part Number:** RW-7204-2000

**Description:** IDU-C, 4 x TDM Ports, 2 x Ethernet Ports, 100 BaseT Interface and 1 x SFP Port.